



1999 Toxics Release Inventory

KANSAS

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	19,435,643	9,020,254	28,455,897
Air Emissions	15,331,200	2,144,876	17,476,076
Surface Water Discharges	1,063,516	6,391	1,069,907
Underground Injection Class I Wells	1,168,778	0	1,168,778
Underground Injection Class II-V Wells	250	0	250
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	1,871,899	6,868,987	8,740,886
Off-site Releases (Transfers Off-site to Disposal)*	13,634,175	483,986	14,118,161
Total On- and Off-site Releases	33,069,818	9,504,240	42,574,058
Recycled On-site	103,192,153	249,519	103,441,672
Recycled Off-site	74,570,529	487,132	75,057,661
Energy Recovery On-site	92,444,850	0	92,444,850
Energy Recovery Off-site	3,086,298	64,362	3,150,660
Treated On-site	23,380,834	3,926,250	27,307,084
Treated Off-site**	2,045,979	22,854	2,068,833
Quantity Released On- and Off-site***	35,629,572	8,976,821	44,606,393
Total Production-related Waste Managed	334,350,215	13,726,938	348,077,153
Total Non-production-related Waste Managed	292,421	20,908	313,329

Transfers Off-site for Further Waste Management/Disposal

Recycling	75,480,832	487,147	75,967,979
Energy Recovery	3,328,142	73,046	3,401,188
Treatment	330,103	6,021	336,124
Publicly Owned Treatment Works (POTWs)	1,887,037	8,554	1,895,591
Metals and Metal Compounds*	17,836	0	17,836
Non-metal TRI Chemicals**	1,869,201	8,554	1,877,755
Other Off-site Transfers***	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	16,359,115	486,254	16,845,369
Total Transfers Off-site for Further Waste Management/Disposal	97,385,229	1,061,022	98,446,251

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

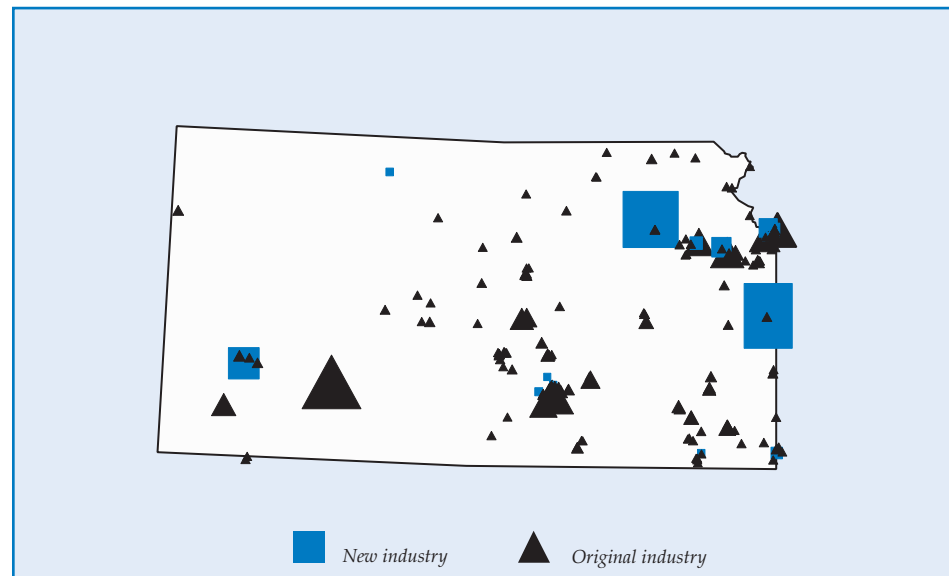
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To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 260-1531

Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Kansas. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	2,654,052
Square Miles	81,823
Total Facilities	271
Total Forms	1,003
Form As	118

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	26	38	32
Pounds	33,069,818	9,504,240	42,574,058
National Rank for Total On-site Releases**			
Rank	32	38	34
Pounds	19,435,643	9,020,254	28,455,897
National Rank for Total Releases within State***			
Rank	31	38	35
Pounds	21,464,371	9,675,516	31,139,887
National Rank for Production-related Waste Managed			
Rank	21	40	27
Pounds	334,350,215	13,726,938	348,077,153

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Nitrate compounds	1,010	995,671	1,800	818,099	6,818,349	8,634,929	0	1,006	6,817,343
7697-37-2	Nitric acid	4,408	0	0	3,000	6,153,173	6,160,581	0	173	6,153,000
7664-41-7	Ammonia	3,962,626	23,587	16,250	86,979	1,031,990	5,121,432	0	49,050	982,940
1330-20-7	Xylene (mixed isomers)	1,634,230	326	0	5	31,362	1,665,923	1,500	27,980	3,382
67-56-1	Methanol	757,801	8	761,575	185	7	1,519,576	15,050	2	5
108-88-3	Toluene	1,273,578	371	0	41	2,692	1,276,682	10	2,048	644
75-15-0	Carbon disulfide	1,120,881	0	0	0	0	1,120,881	0	0	0
110-54-3	n-Hexane	1,105,518	55	0	0	256	1,105,829	0	251	5
--	Manganese compounds	10,335	250	250	250	1,035,394	1,046,479	152	1,029,194	6,200
7439-96-5	Manganese	4,989	250	0	898,225	14,609	918,073	750	2,815	11,794

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Barium compounds	76,429	2,350	0	5,773,535	0	5,852,314	66	0	0
7647-01-0	Hydrochloric acid	697,138	0	0	0	0	697,138	0	0	0
7440-39-3	Barium	18,846	5	0	205,168	435,417	659,436	112,298	0	435,417
7664-39-3	Hydrogen fluoride	624,424	0	0	0	0	624,424	0	0	0
7664-93-9	Sulfuric acid	617,763	0	0	0	0	617,763	0	0	0
--	Manganese compounds	5,351	1,005	0	328,936	10	335,302	0	10	0
--	Copper compounds	3,547	250	0	168,455	5	172,257	2,676	5	0
--	Zinc compounds	7,841	1,750	0	116,912	10	126,513	275	10	0
7782-41-4	Fluorine	427	0	0	105,417	0	105,844	0	0	0
--	Chromium compounds	2,732	250	0	90,797	255	94,034	1,741	255	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	<u>Underground Injection</u>				<u>On-site Releases to Land</u>			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	2,101,020	0	2,300	0	0	2,630	2,105,950	0	0
Excel Corp., Dodge City, Ford	30,570	509,211	0	0	0	817,997	1,357,778	689	229
GMC MLCG-Fairfax Assembly, Kansas City, Wyandotte	1,259,739	0	0	0	0	0	1,259,739	510	18,200
Farmland Inds. Inc. - Lawrence Nitrogen Plant, Lawrence, Douglas	635,802	395,600	0	0	0	3,000	1,034,402	0	0
Boeing Co. - Wichita Div., Wichita, Sedgwick	1,004,415	18,520	0	0	0	0	1,022,935	10,505	209,730
Griffin Wheel Co. Kansas City Plant, Kansas City, Wyandotte	18,970	0	0	0	0	898,037	917,007	1,664	41,899
UCB Films Inc., Tecumseh, Shawnee	880,550	10,600	0	0	0	500	891,650	0	0
Air Prods. Mfg. Corp., Haysville, Sedgwick	84,427	0	698,650	0	0	0	783,077	0	0
Columbian Chemicals Co., Ulysses, Grant	650,000	0	0	0	0	0	650,000	0	0
Owens-Corning, Kansas City, Wyandotte	645,455	0	0	0	0	0	645,455	30,250	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
La Cygne, La Cygne, Linn	302,605	255	0	0	0	2,703,000	3,005,860	10	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	372,165	2,000	0	0	0	2,177,500	2,551,665	515	0
Holcomb Unit 1, Holcomb, Finney	340,483	0	0	0	0	915,409	1,255,892	0	0
Lawrence Energy Center, Lawrence, Douglas	21,560	3,350	0	0	0	622,000	646,910	10	0
Nearman Creek Power Station, Kansas City, Wyandotte	418,506	0	0	0	0	171,608	590,114	0	47,741
Quindaro Power Station, Kansas City, Wyandotte	330,834	0	0	0	0	0	330,834	0	428,570
Tecumseh Energy Center, Tecumseh, Shawnee	58,550	250	0	0	0	220,000	278,800	0	0
Riverton Generating Station, Riverton, Cherokee	173,455	10	0	0	0	56,707	230,172	0	0
Murray Gill Energy Center, Wichita, Sedgwick	43,000	0	0	0	0	0	43,000	0	0
Farmland Ind. Inc., Phillipsburg, Phillips	25,408	0	0	0	0	0	25,408	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
Jayhawk Fine Chemicals Corp., Galena, Cherokee	0	35,980	0	727,832	7,613,875	0	14,977,722	23,355,409	5
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	0	23,700	15,000	0	10,100	0	2,103,000	2,151,800	1
Excel Corp., Dodge City, Ford	0	0	0	0	5,564,602	0	1,358,696	6,923,298	0
GMC MLCG-Fairfax Assembly, Kansas City, Wyandotte	0	0	0	694,050	141,460	109,760	1,275,695	2,220,965	0
Boeing Co. - Wichita Div., Wichita, Sedgwick	0	7,159,002	0	243,900	285,477	80,280	1,218,290	8,986,949	0
Farmland Inds. Inc. - Lawrence Nitrogen Plant, Lawrence, Douglas	37,707,100	0	1,831,900	0	2,447,600	0	1,034,400	43,021,000	28,000
Griffin Wheel Co. Kansas City Plant, Kansas City, Wyandotte	0	0	0	0	0	0	960,400	960,400	0
UCB Films Inc., Tecumseh, Shawnee	9,530,000	0	0	17,000	203,600	0	881,700	10,632,300	0
Air Prods. Mfg. Corp., Haysville, Sedgwick	0	0	555,950	71	1,037,869	2,100	790,540	2,386,530	0
Owens-Corning, Kansas City, Wyandotte	300	22,000	0	0	0	94,200	675,040	791,540	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
La Cygne, La Cygne, Linn	0	0	0	0	1,908,000	207	2,953,000	4,861,207	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	0	0	0	0	810,000	0	2,579,000	3,389,000	0
Holcomb Unit 1, Holcomb, Finney	0	0	0	0	0	0	1,259,421	1,259,421	0
Lawrence Energy Center, Lawrence, Douglas	0	0	0	0	42,000	0	642,400	684,400	0
Nearman Creek Power Station, Kansas City, Wyandotte	0	307,088	0	0	0	0	590,116	897,204	0
Quindaro Power Station, Kansas City, Wyandotte	0	7,389	0	0	0	0	339,343	346,732	0
Tecumseh Energy Center, Tecumseh, Shawnee	0	0	0	0	42,000	0	277,000	319,000	0
Riverton Generating Station, Riverton, Cherokee	0	0	0	0	0	0	230,191	230,191	0
Murray Gill Energy Center, Wichita, Sedgwick	0	0	0	0	0	0	43,000	43,000	0
Safety-Kleen (Aragonite) Inc., Coffeyville, Montgomery	208,100	172,640	0	0	1,050,437	4,135	20,124	1,455,436	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.